RE: ET Docket No. 03-104

Please accept the following comments in opposition to the deployment of Broadband Over Power Line (BPL) technology. While the rationale for using electric power lines (as opposed to coax or fiber optic cable) to transmit broadband services is understandable, the probability for this technology to result in extensive interference to the RF spectrum between 2 to 80 MHz more than negates any positive benefit it may derive.

I am most familiar with the “shortwave” portion of the RF spectrum between 2-30 MHz and am concerned that the use of broad spectrum signals on power lines will in effect make one’s home wiring a noise generator, rendering a significant portion of the RF spectrum unusable. Concerns raised by many technically-oriented individuals in the USA, as well as hard data tests on BPL conducted in Japan and Europe have raised concerns about the interference inducing effects of BPL on the aforementioned radio spectrum. Japan has in fact rejected BPL for this reason.

It is my understanding that one of the FCC’s fundamental priorities is to guard against interference to the RF spectrum. While much of the content found on the RF spectrum between 2-30 MHz can be accessed on the Internet, the use of radio remains a no cost medium, whereas, internet use entails a regular fee. Your attention to this matter is appreciated.

Respectfully,

Ross Comeau